Printing in the web-enabled home and small office

Samsung Mono Laser Multifunctional Printers SCX-4600/SCX-4623F/SCX-4623FN

A new series of products from Samsung that incorporates
Ease of Use, Functionality, Cost Control and Design in one device.

SAMSUNG

Why Samsung and Our Partners?

Here at Samsung Print, our aim is to give our customers performance, without complexity. Working with the right print supplier is one thing. Working with the right print partner is quite another. At Samsung Print, we're rapidly gaining market share for being just that – the right partner, with a breadth of leading-edge print products and solutions that are rightly gaining the recognition they deserve.

Our heavy investment in R&D is an ongoing commitment. The work we do here puts us at the forefront of the office print industry. We manufacture much of the technology that goes into many of the market-leading printers, including of course, our own – from memory chips and hard drives to LCD screens and communications technology. In recent years, the Samsung Print business has seen rapid growth. We're number two in the global and European laser printer shipments markets, the fastest growing company in the sector.

It's not all about growth though. It's our total printing approach that really matters – solutions, supplies and services wrapped around a hardware portfolio spanning individual user printers to small workgroups and departmental printers – meeting the demands of all office users. From some of the world's smallest colour printers, to one of the fastest A4 digital MFPs with the sleekest designs to hit the world of printing, Samsung Print is always looking for new, innovative ways to invigorate our customers and reinforce our partnership credentials.

Beyond our print devices, Samsung printing solutions provide document, device and security management for streamlined workflow and efficient printer performance. Samsung's goal is to increase efficiency and flexibility for corporate environments by providing intelligent solutions to everyday business challenges. By proactively managing the use of printers, Samsung Print helps our customers to meet cost, complexity and compliance requirements every day.

Samsung Partners – Making a Difference

To ensure the successful planning, selection, deployment and support of Samsung's world-class products and solutions, we recommend you work with one of our certified reseller Partners. Samsung's qualified and trusted reseller Partners are authorised to consult and sell our products and solutions, and can offer additional expertise and value. The knowledge and experience of Samsung Partners provides the reassurance that you'll receive the ideal solution at the right price, and the confidence that your print investment is in safe hands.

Introducing the Samsung SCX-4600/SCX-4623F/SCX-4623FN Mono Laser Multifunctional Printers

Designed to offer total print versatility, the SCX-4600/4623F/4623FN range includes advanced print features that make document handling easy and enhance productivity for individual users and small workgroups. This range of enhanced performance web enabled printers features AnyWeb Print and a Print Screen button*.

SCX-4623F

Enhanced Connectivity – See it, Print it

Our customers' printing behaviour is changing. The trend towards printing web-based content is growing and now represents the second major source of printed documents**, whether that's web-based business applications or web pages printed at home. The SCX-4600 and SCX-4623F Print Screen feature is a quick and easy way for you to print the contents of your screen without the usual page format challenges of printing web content. It provides fast, one-touch printing – saving valuable time and reducing waste.

This is complemented by AnyWeb Print, which addresses the need for you to print specific areas of web content quickly and easily. It allows you to select and capture exactly the content you want from a web page to then share or print.

Easy Installation and Management

Our customers demand performance and productivity, without compromising ease of use. This intelligently designed range of devices offers reliable and fast print performance that's easily accessible through a range of smart features for maximum user convenience, particularly when printing web-based content.
A future-proof package that incorporates Samsung Smart Technologies for next generation networking and Samsung's Universal Print Driver to deliver simple, seamless network connectivity.

Print Screen

*Only available on the SCX-4600 and SCX-4623F. ** Internal consumer research report (Primary Research) conducted by Samsung MI & Research International in 2008 in UK/Germany/Italy, 440 people from each country.

Key Features

To help you review the benefits of the SCX-4600/SCX-4623F/SCX-4623FN more clearly, we've structured the key features into three clear advantages.

Design and Ease of Use

A Range of Functions
These MFPs provide the versatility, reliability and improved productivity for a range of functions including mono laser print, copy, scan, fax (to fax and to PC)*.

Easy Installation
All three printers benefit from USB connectivity, helping make the set up and installation process quick and easy for you. Ideal for individual users and small workgroups alike, Samsung printers deliver instant productivity in any office environment.

Compact, Sleek Design
Samsung printers are compactly designed, offering a stylish look that's compatible with all small office and home office working environments. These robust and durable models are reliable even in the most intensive office environments. Low noise levels are an added advantage. Reduced interference and vibration minimise any unnecessary distraction.

Productivity and Performance

Fast Print Performance
With speeds of up to 22ppm in A4 and a First Page Out Time (FPOT) of less than ten seconds in Ready Mode, the SCX-4600/SCX-4623F/SCX-4623FN provide superior laser performance so you don't have to wait for important documents.

Minimal Intervention
All three devices use enclosed 250-sheet paper input cassettes that reduce user intervention and the need to frequently replenish paper.

Selecting Toner Save Mode allows you to use less toner on each page. This extends toner cartridge life by up to 30%, reduces your cost-per-page, lowers user intervention and helps to meet environmental standards.

Reliable Office Quality Printing
With a resolution of up to 1,200 x 1,200 dpi and with the added advantage of Samsung laser printing technology, the SCX-4600/SCX-4623F/SCX-4623FN will consistently deliver office quality documents with crisp, sharp text and images.

Samsung Smart Technologies

Future-proof
The SCX-4623FN includes support for the next generation Internet Protocol (IPv6) giving you the integration capability with IT networks of the future.

Control and Monitoring
SyncThru™ Web Service is an embedded web server that allows you to control Samsung printers and MFPs across the network using a standard web browser, without any additional software. This allows fast, simple remote configuration and monitoring of a SCX-4623FN network printer.

Fast, Secure Document Storage
You can speed up document processes and enhance document archiving and retrieval through a range of features that turn paper into indexed, electronic documents with SmarThru™ Office. Built-in features such as scan and fax to PC make the process of sharing documents quick and easy and ultimately improve security.

* Fax only available on SCX-4623F/SCX-4623FN

Features Summary

Features Summary

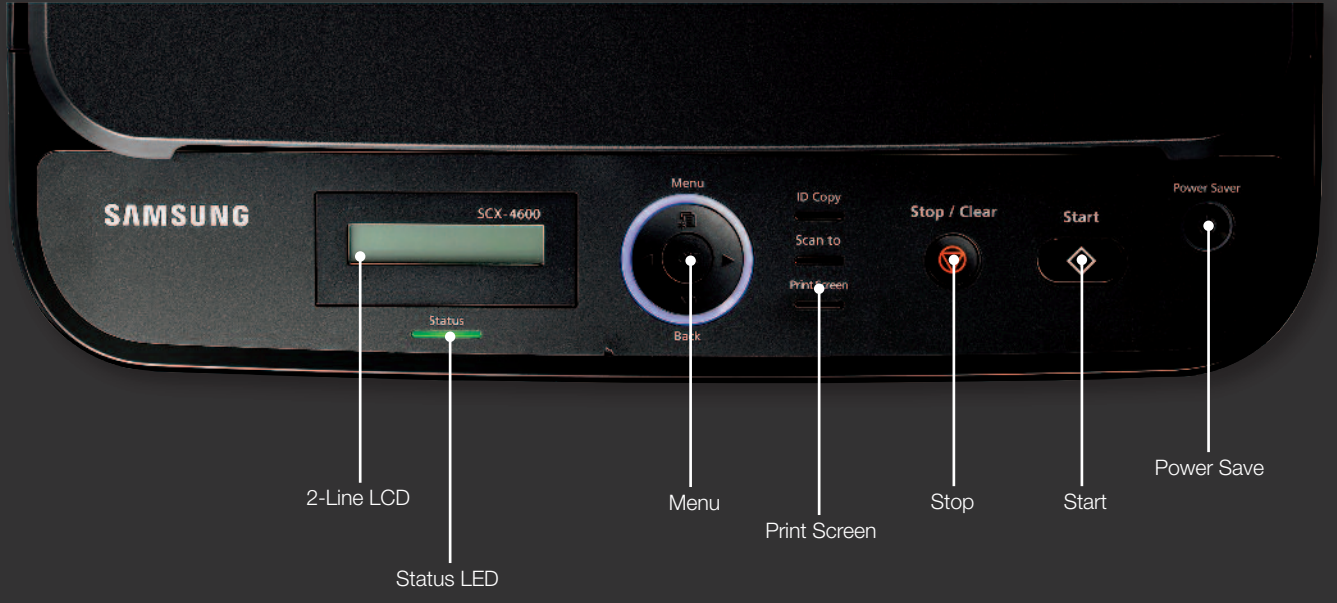
- Mono Laser print, copy, scan and fax
- Maximum 22 copies per minute in A4
- Fast, office quality output
- Quick First Page Out Time less than 10 seconds
- Easy plug and play installation
- Improved print quality with up to 1,200 x 600 dpi using Samsung original toner supplies
- 250-sheet input capacity, 80-sheet output capacity
- High-yield toner options (2,500 pages)
- Compact, sleek and robust design
- Low noise levels (50dBA).

SCX-4600

SCX-4623F/4623FN

Panel Functions

SCX-4600



Product Specification

SCX-4600

SCX-4623F

SCX-4623FN

Overview	SCX-4600	SCX-4623F	SCX-4623FN
Function	Print, Copy, Scan	Print, Copy, Scan, Fax, PC Fax/Fax to PC	Print, Copy & N/W Print, Scan, Fax, Network Fax, PC Fax/Fax to PC
Print			
Speed (Mono) in A4	Up to 22ppm		
First Page Out Time (Mono)	Less than 10 seconds (From Ready Mode) and Less than 19 sec (from Sleep mode)		
Resolution	Up to 1,200 x 1,200 dpi effective output		
Emulation	SPL (Samsung Printer Language)		
Copy			
Speed (Mono) in A4	Up to 22cpm (12 cpm in certain countries)		
Resolution	Up to 1,200 x 1,200 dpi effective output		
First Copy Out Time (Mono)	Less than 15 seconds		
Zoom Range	25~400% Platen	25~400% Platen; 25~400% ADF	
Multi Copy	1~99 pages		
Copy Features	ID Copy, 2-up, 4-up, Poster Copy, Clone Copy, Auto-fit	ID Copy, 2-up, 4-up, Poster Copy, Clone Copy, Collation Copy, Auto-fit	
Scan			
Compatibility	TWAIN Standard, WIA Standard		
Method	Colour CIS		
Resolution	1,200 x 1,200 dpi (colour at platen), 600 x 600 dpi (b/w at platen); Up to 4,800 x 4,800 dpi (enhanced)	1,200 x 1,200 dpi (colour at platen), 600 x 600 dpi (b/w at platen); Up to 4,800 x 4,800 dpi (enhanced) 600 x 600 dpi (ADF)	
Scan to	PC		Scan to PC and scan to network
Scan Size	Maximum Width 216mm x 208mm		
FAX			
Compatibility	–	ITU-T G3, ECM	
Modem Speed	–	33.6Kbps	
Resolution	–	300 x 300 dpi in S Fine Mode, up to 200 x 200 dpi in colour	
Auto Dial	–	Speed dial 200 locations; Compression - MH/MR/MMR/JBIG/JPEG (t x only)	
Fax Feature	–	Multi sending, Fax to PC/PC Fax, delayed fax	
Paper Handling			
Input Capacity and Types	250-sheet Cassette @ 80gsm 1-sheet Multi Purpose Tray		
Output Capacity and Type	80 sheets @ 75gsm face down		
Media Size	A4, A5, A6, ISO B5, JIS B5, Legal, Custom (maximum 216x356mm, minimum 76x127mm)		
Media Type	Paper stocks, transparencies, envelopes, labels, card stocks, Colour, Pre-Printed, Recycled		
Media Weight	Main tray up to 120 gsm, manual tray up to 163 gsm		
ADF Capacity	–	40 sheets 80 gsm	
ADF Document Size	–	Width: 142 ~ 216mm Length: 148 ~ 356mm	
General			
LCD	2-Line LCD (w/o backlight)		
CPU	360MHz		
Memory	64MB		128 MB
OS Compatibility	Windows 2000/XP/Vista/2003 Server/2008 Server; Mac OS X 10.3~10.6; Various Linux OS		
Interface	High speed USB 2.0		Ethernet
Noise Level	Less than 50dBA (printing); Less than 50dBA (copying); Less than 26dBA (standby)		Less than 50dBA (printing); Less than 50dBA (copying); Less than 26dBA (standby); High Speed USB 2.0 and Ethernet 10/100 Base TX
Duty Cycle, Monthly	12,000 pages		
Dimensions (WxDxH)	416.0 x 409.0 x 275.8mm	416.0 x 415.4 x 318.9mm	
Weight (including Toner)	10.59Kg	11.54Kg	

Supplies		
Model Code	MLT-D1052S	MLT-D1052L
Description	Low Yield Toner Cartridge	High Yield Toner Cartridge
Type	1-piece Black Toner Cartridge	
Yield	1,500 pages*	2,500 pages*
Compatible Hardware Models	ML-1910, ML-1915, ML-2525, ML-2525W, ML-2580N, SCX-4600, SCX-4623F, SCX-4623FN, SF-650, SF-650P	
Item Box Dimensions (W x D x H)	350 x 194 x 88mm	
Item Box Weight (Gross)	1.15Kg	1.18Kg
Items in Master Box	4	
Master Box Dimensions (W x D x H)	400 x 366 x 204mm	
Master Box Weight (Gross)	4.63Kg	4.76Kg

*Ships with 700 pages starter toner cartridge. Declared cartridge yield in accordance with ISO/IEC 19752.

MLT-D1052S/ELS

MLT-D1052L/ELS

USB Linux Mac MONO SAMSUNG UniversalPrintDriver ETHERNET

Samsung Original Supplies

Why Samsung Original Supplies?

Samsung printers are optimised to work most efficiently with Samsung original supplies, for quality results time after time. Users will benefit from:

- High quality prints
- Longer lasting cartridges that save money
- Recycling used cartridges.

Need More Reasons? You'll Get:

- **Value for money –** by using original Samsung cartridges, they will not only get great prints, but will also maximise the number of pages they can print.
- **Superior engineering –** many Samsung cartridges include exclusive design features that optimise performance.
- **Professional-looking prints –** Samsung original supplies produce brilliant and evenly printed colour on high-quality printouts 97% of the time. But, only 80-88% of prints made with remanufactured cartridges are good quality.
- **Convenient automatic toner ordering system –** Samsung printers have an innovative automatic toner ordering system that makes it easy to order supplies, providing instant alerts by e-mail or via a link to users' homepages.
- **Quiet operation –** genuine Samsung original supplies are designed to optimise Samsung's advanced NO-NOIS™ technology resulting in some of the world's quietest laser printers.
- **Protect yourself against counterfeit toner cartridges –** get outstanding prints with genuine Samsung original supplies.

Make the Smart Choice

Samsung's ongoing analysis shows that buyers of re-manufactured cartridges end up paying significantly higher per page costs and overall operating costs (as much as 35% higher) compared with those using Samsung genuine toner supplies. Samsung original supplies guarantee high quality for every print and won't cause printer damage.

Samsung Takeback and Recycling (S.T.A.R.) Programme

According to a recent study by Infotrends, nearly half of all used OEM toner cartridges in the U.S. and Western Europe are thrown out instead of being recycled. With Samsung's free Takeback and Recycling (S.T.A.R.) programme, Samsung makes it easy to recycle.

1. Package your used toner cartridge in to the box that came with your new toner, and seal it with clear tape. Please ensure only one toner cartridge is in each box.
2. Log on to **www.samsung.com/star** and click on 'Print Label'.
3. Fill in the online form with your details and submit it. After a short delay we will email you a complimentary return label in PDF format. (Note that this label can only be used once, so please follow this process for each toner cartridge return.)
4. Drop the package off at your nearest Post Office, or include it in your normal outbound mail procedure.

Samsung will recycle all old cartridges properly, making sure they don't end up incinerated or in a landfill. Samsung even recycles the box.

Samsung original supplies don't just optimise printer's performance, they also help the environment.

For more information please visit **www.samsung.com/star**

Keep It **Real**

Samsung Electronics Europe
1000 Hillswood Drive
Chertsey
Surrey
KT16 0PS
United Kingdom

www.samsung.com

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